a. classification of subject matter IPC 7 C12N15/864 A61K48/00 C07K14/015

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 C12N C07K A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, MEDLINE, BIOSIS, EMBASE, CHEM ABS Data, EMBL

ategory Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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	<u></u>
Special categories of cited documents: A* document defining the general state of the art which is not considered to be of particular relevance E* earlier document but published on or after the international filing date	 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to be a considered to the considered to
 L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed 	 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. '&' document member of the same patent family
Date of the actual completion of the international search 22 March 2005	Date of mailing of the international search report 1 8, 05, 2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Mandl, B

Y Patent family members are listed in annex.

Y Further documents are listed in the continuation of box C.

	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	Indiana in the
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Α	GAO G-P ET AL: "Novel adeno-associated viruses from rhesus monkeys as vectors for human gene therapy" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE, vol. 99, no. 18, 3 September 2002 (2002-09-03), pages 11854-11859, XP002229849 ISSN: 0027-8424 cited in the application the whole document	1-7
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ternational application No. PCT/US2004/028817

INTERNATIONAL SEARCH REPORT

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Although claim 45 comprises a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. X As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
1-4(partially),5-7(completely),28-29(partially),30-45(completely)
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is
restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
·
Remark on Protest The additional search fees were accompanied by the applicant's protest.
X No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

- 1. claims: 1-4 (partially),5-7 (completely)
 - Subject-matter relating to AAV clade E.
- 2. claims: 1-4 (partially), 10, 11 (completely)
 - Subject-matter relating to AAV clade D.
- 3. claims: 1-4 (partially),14,15 (completely)
 - Subject-matter relating to AAV clade B.
- 4. claims: 1-4 (partially),18,19 (completely)
 - Subject-matter relating to AAV clade A.
- 5. claims: 1-4 (partially),22,23 (completely)
 - Subject-matter relating to AAV clade C.
- 6. claims: 1-4 (partially), 26, 27 (completely)
 - Subject-matter relating to AAV clade F.
- 7. claims: 1-4 (partially)
 - Subject-matter relating to AAV clades not covered by inventions 1-6.
- Inventions 8-34: Claims 8,9,46-58 (all partially)
 - Subject-matter relating to the AAVs as defined in claim 9, i.e. 30.10/pi.1 or 30.12/pi.2 or 30.19.pi.3 or hu.66 or modified rh.2 or hu.67, respectively.
- Invention 35-41: Claims 12,13,46-58 (all partially)
 - Subject-matter relating to the AAVs as defined in claim 13, i.e. 2-15/rh.62 or1-7/rh.48 or 4-9/rh.54 or 4-19/rh.55 or modified cy.5 or modified rh.13 or modified rh.37, respectively.
- Inventions 42-64: Claims 16,17,46-58 (all partially)

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Subject-matter relating to the AAVs as defined in claim 16, i.e. 52/hu.19 or 52.1/hu.20 or 54.5/hu.23 or 140.1/hu.51 or 140.2/hu.52, respectively.

Inventions 65-69: Claims 20,21,46-58 (all partially)

Subject-matter relating to the AAVs as defined in claim 21, i.e. 128.1/hu.43 or 128.3/hu.44 or hu.46 or modified hu.46 or 130.4/hu.48, respectively.

Inventions 70-85: Claims 24,25,46-58 (all partially)

Subject-matter relating to the AAVs as defined in claim 25, i.e. 3.1/hu.9 or 16.8/hu.10 ot 16.12/hu.11 or H-1/hu.1 or hu.18 or 161.6/hu.61, respectively.

Invention 86: Claims 28 and 29 (partially), 30-45 (all completely)

Subject-matter relating to hu.14/AAV9.

Inventions 87-88: Claims 28,29,46-58 (all partially)

Subject-matter relating to the AAVs hu.31 or hu.32, respectively.

ormation on patent family members

"Justional Application No.", US2004/028817

Patent document		Publication date		Patent family member(s)		Publication date
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